

DERWENT-ACC-NO: 2001-309847

DERWENT-WEEK: 200133

COPYRIGHT 2005 DERWENT INFORMATION LTD

TITLE: Production of biologically active agent useful as preservative, disinfectant, plant protectant and insecticide, includes liquid extraction of mixture of plant varieties

INVENTOR: HANSEN, W

PATENT-ASSIGNEE: HANSEN W[HANSI]

PRIORITY-DATA: 1999EP-0121488 (October 28, 1999)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	
MAIN-IPC				
EP 1095567 A1	May 2, 2001	G	009	A01N
065/00				

DESIGNATED-STATES: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
EP 1095567A1	N/A	1999EP-0121488	October 28, 1999

INT-CL (IPC): A01N065/00, A23L003/3472

ABSTRACTED-PUB-NO: EP 1095567A ✓

BASIC-ABSTRACT:

NOVELTY - Production of a germicidal and germ-inhibiting active agent comprises:

- (a) comminuting and mixing material from different plant varieties;
- (b) adding a liquid to the comminuted mixture to form a liquid mixture containing at least 50 wt.% liquid;
- (c) storing the liquid mixture for a predetermined period; and
- (d) extracting active agent from the stored liquid mixture.

ACTIVITY - Antibacterial; fungicidal; insecticidal.

MECHANISM OF ACTION - None given.

USE - The active agent is useful as a preservative, disinfectant, plant protectant, e.g. fungicide, or insecticide, and can also be used as a component of cosmetics. An active agent obtained from oregano, pimento and horseradish is especially used in a paste-like product for the control of mildew and yeasts.

and other decay-causing organisms e.g. E. coli bacteria. An active agent obtained from moss, lichen and cherry laurel berries is used in plant protection for the control of aphids and rose mildew and fungal and yeast attack. A mixture of active agents from (i) oregano, (ii) horseradish root and ginger and (iii) garlic cloves and peeled onions is useful as a natamycin substitute for the preservation of especially cheese and sausage products.

ADVANTAGE - The method is simple, readily reproducible and avoids the problems, especially environmental contamination, energy costs and potential toxicity, associated with the production of synthetic active agents.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: PRODUCE BIOLOGICAL ACTIVE AGENT USEFUL PRESERVE DISINFECT PLANT
PROTECT INSECT LIQUID EXTRACT MIXTURE PLANT VARIETY

DERWENT-CLASS: C03 D13

CPI-CODES: C04-A08; C04-A09; C04-A10; C04-B01B; C04-B01C1; C11-B; C14-A01;
C14-A04; C14-B04B; D03-H02E;

CHEMICAL-CODES:

Chemical Indexing M1 *01*

Fragmentation Code

M423 M431 M782 M905 N104 N161 P002 P220 P241 P341

Q225 Q254 Q261 Q271

Specific Compounds

A00GTK A00GTT A00GTM

Chemical Indexing M1 *02*

Fragmentation Code

M423 M431 M782 M905 N104 N161 P002 P220 P241 P341

Q225 Q254 Q261 Q271

Specific Compounds

A02WNK A02WNT A02WNM

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C2001-095860